

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12869-008001	Application No. 10/716,180
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Vanu Bose et al.	
		Filing Date November 17, 2003	Group Art Unit 2611
(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	AI	5,901,182	05/1999	Kot, Alan D.			
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	AW	2004/0259571	12/2004	Joshi, Avinash			
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	ADD	6,285,876	9/4/2001	Zhong			
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AFF							
	AGG							
	AHH							
	AII							
	AJJ							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/M.D./	AKK	Cormen et al., 2001, Introduction to Algorithms Second Edition, McGraw-Hill, Boston.
↓	ALL	Ekroot, L. and Dolinar, S., "A* Decoding of Block Codes", <u>IEEE Transactions on Communications</u> , Vol. 44 (9):1052-1056 (1996).
	AMM	Fano, "A Heuristic Discussion of Probabilistic Decoding", <u>IEEE Transactions on Information Theory</u> , Vol. IT9(1):64-74 (1963).
	ANN	Forney, Jr., "Convolutional Codes II. Maximum-Likelihood Decoding", <u>Information and Control</u> , Vol. 25:222-266 (1974).
	AOO	Forney, Jr., "The Viterbi Algorithm", <u>Proceedings of the IEEE</u> , Vol. 61(3):268-278 (1973).
	APP	Han et al., "Efficient Priority-First Search Maximum-Likelihood Soft-Decision Decoding of Linear Block Codes", <u>IEEE Transactions on Information Theory</u> , Vol. 39(5):1514-1523 (1993).
	AQQ	Han et al., "A Maximum-Likelihood Soft-Decision Sequential Decoding Algorithm for Binary Convolutional Codes", <u>IEEE Transactions on Communications</u> , Vol. 50(2):173-178 (2002).
	ARR	Heller, J. and Jacobs, I. M., "Viterbi Decoding for Satellite and Space Communication", <u>IEEE Transactions on Communication Technology</u> , Vol. Com-19(5):835-848 (1971).
↓	ASS	Kang, G. and Zhang, P., "The Implementation of Viterbi Decoder on TMS320C6201 DSP in WCDMA System", <u>Beijing University of Posts and Telecommunications</u> .
	ATT	Rajagopal, S., "A Real-Time Baseband Communications Processor for High Data Rate Wireless Systems", Dept. of Electrical and Computer Engineering, Rice University (2002).

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Examiner Initial	Desig. ID	Document
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	AVV	Varga, R. and Harrison, M. (eds), The Art of Computer Programming-Second Edition, Addison-Wesley, Massachusetts (1973).
	AWW	Viterbi, "Error Bounds for Convolutional Codes and an Asymptotically Optimum Decoding Algorithm", IEEE Transactions on Information Theory, Vol. IT-13(2):260-269 (1967).
	AXX	Wicker, S. B., Error Control Systems for Digital Communication and Storage, Prentice Hall, Englewood Cliffs, NJ (1995).
	AYY	International Search Report - PCT/US03/25218
	AZZ	M. Abramowitz, et al, <u>Handbook of Mathematical Functions with Formulas, Graphs and Mathematical Tables</u> , Dover Publications, New York, 1965.
	AAAA	J.L. Massey, <u>Threshold Decoding</u> , Technical Report 410, MIT Press, Cambridge, MA, 1963
	ABBB	K. Paterson, et al., <u>Efficient Decoding Algorithms for Generalised Reed-Muller Codes</u> , Technical Report, Hewlett-Packard Labs, Nov. 1998
	ACCC	Bob Pearson, <u>Complementary Code Keying Made Simple</u> , Application Note 9850, http://www.intersil.com/data/an/an9850/an9850.pdf , May 2000
	ADDD	I. Reed, <u>A Class of Multiple-Error-Correcting Codes and the Decoding Scheme</u> , IRE Transactions on Information Theory, PGIT-4:38-49, September 1954
	AEEE	R. van Nee, <u>OFDM Codes for Peak-to-Average Power Reduction and Error Correction</u> , In Proc. IEEE Globecom '96, London, England, pages 740-744, Nov. 1996
	AFFF	G.N. Watson, <u>A Treatise on the Theory of Bessel Functions</u> , Second Edition, Cambridge University Press, 1952
	AGGG	R.K. Yarlagadda, et al., <u>Hadamard Matrix Analysis and Synthesis</u> , Luwer Academic Publishers, Dordrecht, 1997.
	AHHH	International Search Report PCT/US03/25219 mailed 12/16/03
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	AJJJ	http://www.arraycomm.com/
	AKKK	EIA/TIA/IS-95 Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System, Telecommunications Industry Association, July 1993, pps. 6-1 to 6-8.
	ALLL	L. Trevisan, "Some Applications of Coding Theory in Computational Complexity," Quaderni di Matematica, Vol. 13, pp. 347-424, 2004.
	AMMM	J.S. Lee and L.E. Miller, CDMA Systems Engineering Handbook, Artech House, Boston, 1998.
	ANNN	A.J. Viterbi, CDMA: Principles of Spread Spectrum Communication, Addison-Wesley, Reading, MA, 1995.
	AOOO	A.V. Oppenheim and R.W. Schaffer, with J.R. Buck, Discrete-Time Signal Processing, 2nd ed., Prentice Hall, Upper Saddle River, NJ, 1999.
↓	APPP	V.S. Pless and W.C. Huffman, Eds., Handbook of Coding Theory, Vol. 1, Elsevier Science, Amsterdam, 1998.

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/M.D./	AQQQ	S.J. MacMullan and O.M. Collins, "A Comparison of Known Codes, Random Codes, and the Best Codes," IEEE Transactions on Information Theory, Vol. 44, No. 7, pp 3009-3022, Nov. 1998.
↓	ARRR	M. Luby, "LT-codes," in Proceedings of the 43rd Annual IEEE Symposium on the Foundations of Computer Science (FOCS), pp.271-280, 2002.
	ASSS	A. Shokrollahi, "Raptor codes," in Proceedings of the IEEE International Symposium on Information Theory, p. 36, 2004.
	ATTT	International Search Report, PCT/US05/07136, mailed on December 26, 2006, 6 pgs

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	AD						
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	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

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	AN							
	AO							
	AP							
	AQ							

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	AD	6,621,807 B1	09/16/03	Jung et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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	AM							
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	AO							
	AP							

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/M.D./	AQ	International Search Report, PCT/US03/36709, mailed on May 25, 2004, 4 pages
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	AS	
	AT	

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